

Date Searched: 4/4/2003 & 6/16/2003

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 716/\$.ccls.

L2 (logic\$4 or function\$4) near5 ("same" or equival\$4 or equal\$2 or similar\$2)

L3 1 and 2

Results: 1988 hits

L4 timing and power and area and noise and (capacit\$5 or load) and (driving or driver or driven or drivability or driveability or fanout or fan-out)

L5 (pin or pinout or ("i/o" or "input/output" or "inputs/outputs" or "i/os" or (input adj output))) near5 (plac\$4 or assign\$4)

L6 3 and 4 and 5

Results: 19 hits

L7 (signature or template or class or category or type)

L8 7 and 6

Results: 19 hits

L9 (rise or rising) and (fall or falling)

L10 8 and 9

Results: 5 hits

L11 (function\$4 or hardware or (high adj level) or (high-level) or rtl) near3 (description or specification)

L12 3 and 11

Results: 733 hits

L13 11 and 6

Results: 4 hits

L14 (replac\$5 or substitut\$4) same 2

L15 1 and 14

Results: 282 hits

L16 4 and 15

Results: 20 hits

L17 11 and 15

Results: 139 hits

L18 (rang\$3 or variance or variation or tolerance or nominal or deviat\$4) same (constrain\$3 or cost or weigh\$3)

L19 18 and 17

Results: 20 hits

L20 ((function\$4 or hardware or (high adj level) or (high-level) or rtl) near3 (description or specification) or hdl or (register adj transfer adj level)

) and (716/\$.ccls.

and ((replac\$5 or substitut\$4) same ((logic\$4 or function\$4) near5 ("same" or equival\$4 or equal\$2 or similar\$2)

)

))

Results: 150

L21 18 and 20

Results: 20 hits

L22 (signature or template or pattern) same (match\$3 or compar\$5)

L23 20 and 22

Results: 21 hits

US 6523156 B2

USPAT Cirit, Mehmet A. 716/9

US 20020083398 A1

US-PGPUB

Takeyama, Hiroji et al. 716/1

US 6490708 B2	USPAT Cohn, John M. et al.	716/4
US 5586046 A	USPAT Feldbaumer, David et al.	716/18
US 5459673 A	USPAT Carmean, Douglas et al.	716/6
US 5416718 A	USPAT Yamazaki, Masami	716/5
US 6190433 B1	USPAT Van Fleet, W. Mark et al.	71/18
US 6536018 B1	USPAT Chisholm, Gregory H. et al.	716/4
US 6519609 B1	USPAT Touzet, Olivier	707/104.1
US 6470486 B1	USPAT Knapp, David	716/18
US 6086626 A	USPAT Jain, Jawahar et al.	716/5
US 5764525 A	USPAT Mahmood, Mossaddeq et al.	716/18
US 5726903 A	USPAT Kerzman, Joseph P. et al.	716/2

Databases Searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

L1 (((replac\$5 or substitut\$4) same ((logic\$4 or function\$4) near5 ("same" or equal\$4 or equal\$2 or similar \$2)))) and (((function\$4 or hardware or (high adj level) or (high-level) or rtl) near3 (description or specification)))

Results: 23 hits

L2 (((logic\$4 or function\$4) near5 ("same" or equal\$4 or equal\$2 or similar\$2))) and (timing and power and area and noise and (capacit\$5 or load) and (driv\$10 or fanout or fan-out)) and (timing and power and area and noise and (capacit\$5 or load) and (driving or driver or driven or drivability or driveability or fanout or fan-out))

Results: 2 hits

WO 200142994 A A2, A3 DERWENT REGAN, T J

Database Searched: IEE/IEEE Xplore

Terms Searched: (((replac* or substitut*) <near/10> ((logic* or function*) <near/5> (same or equal* or similar*)))) and (((function* or hardware or (high <near/1> level) or (high-level)) <near/3> (description or specification)) or rtl or hdl or vhdl)

Results: Your search matched [0] of [932163] documents.

Terms Searched: (replac* or substitut*) and ((logic* or function*) <near/5> (same or equal* or similar*)) and (((function* or hardware or (high <near/1> level) or (high-level)) <near/3> (description or specification)) or rtl or hdl or vhdl)

Results: Your search matched 3 of 932163 documents.

Terms Searched: ((logic* or function*) <near/5> (same or equal* or similar*)) and (((function* or hardware or (high <near/1> level) or (high-level)) <near/3> (description or specification)) or rtl or hdl or vhdl)

Results: Your search matched 55 of 932163 documents.

Date Searched: 4/4/2003 & 6/16/2003

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

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and ((replac\$5 or substitut\$4) same ((logic\$4 or function\$4) near5 ("same" or equival\$4 or equal\$2 or similar\$2)

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L23 20 and 22

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US 20010010090 A1	US-PGPUB	Boyle, Douglas B. et al.	716/2
US 6564361 B1	USPAT	Zolotykh, Andrej A. et al.	716/8
US 20020083398 A1	US-PGPUB	Takeyama, Hiroji et al.	716/1
US 6490708 B2	USPAT	Cohn, John M. et al.	716/4

US 5586046 A	USPAT Feldbaumer, David et al.	716/18
US 5459673 A	USPAT Carmean, Douglas et al.	716/6
US 20030074640 A1	US-PGPUB Mandell, Michael I. et al.	716/3
US 20030061573 A1	US-PGPUB Tsuchiya, Takehiko	716/1
US 6523156 B2	USPAT Cirit, Mehmet A.	716/9
US 5737237 A	USPAT Tanaka, Yasuhiro et al.	716/9
US 5416718 A	USPAT Yamazaki, Masami	716/5

US 6467074 B1	USPAT Katsioulas, Athanassios et al.	716/17
US 6317865 B1	USPAT Itoh, Niichi	716/11
US 6190433 B1	USPAT Van Fleet, W. Mark et al.	71/18
US 6536018 B1	USPAT Chisholm, Gregory H. et al.	716/4
US 6519609 B1	USPAT Touzet, Olivier	707/104.1
US 6470486 B1	USPAT Knapp, David	716/18
US 6086626 A	USPAT Jain, Jawahar et al.	716/5
US 5764525 A	USPAT Mahmood, Mossaddeq et al.	716/18
US 5712792 A	USPAT Yamashita, Shunzo et al.	716/18
US 5095441 A	USPAT Hopper, Donald F. et al.	716/18

US 6438731 B1	USPAT Segal, Russell B.	716/2
US 5726903 A	USPAT Kerzman, Joseph P. et al.	716/2

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Results: 2 hits

WO 200142994 A A2, A3 DERWENT REGAN, T-J

Database Searched: IEEE/IEEE Xplore

Terms Searched: (((replac* or substitut*) <near/10> ((logic* or function*) <near/5> (same or equal* or similar*)))) and (((function* or hardware or (high <near/1> level) or (high-level)) <near/3> (description or specification)) or rtl or hdl or vhdl)

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Terms Searched: (replac* or substitut*) and ((logic* or function*) <near/5> (same or equal* or similar*)) and (((function* or hardware or (high <near/1> level) or (high-level)) <near/3> (description or specification)) or rtl or hdl or vhdl)

Results: Your search matched 3 of 932163 documents.

Terms Searched: ((logic* or function*) <near/5> (same or equal* or similar*)) and (((function* or hardware or (high <near/1> level) or (high-level)) <near/3> (description or specification)) or rtl or hdl or vhdl)

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